



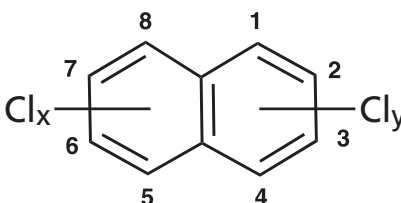
August 27, 2018

## NEW PRODUCTS

### Polychlorinated Naphthalenes

Although the industrial production of polychlorinated naphthalenes (PCNs) ceased in the 1970s/1980s, their persistence in the environment as well as their formation during incineration processes has resulted in an ongoing demand for certified reference standards for this group of compounds. In response to customer requests, **Wellington** has expanded our line of native PCNs and prepared mixtures that we hope will aid laboratories in their analysis of these persistent organic pollutants (POPs).

We are pleased to introduce a PCN window defining solution/mixture (**PCN-WD**), two PCN major congeners solutions/mixtures (**PCN-HWX** and **PCN-INC**), and a PCN potentially toxic congeners solution/mixture (**PCN-TOX**). Please see the tables below for the composition of these mixtures.



#### PCN Window Defining Solution/Mixture

Catalogue Number	Component (nonane)	PCN#	Conc
PCN-WD	2-Chloronaphthalene	2	2.0 µg/ml
	1-Chloronaphthalene	1	2.0 µg/ml
	1,3-Dichloronaphthalene	4	2.0 µg/ml
	1,8-Dichloronaphthalene	9	2.0 µg/ml
	1,3,6-Trichloronaphthalene	20	2.0 µg/ml
	1,2,8-Trichloronaphthalene	18	2.0 µg/ml
	1,3,5,7-Tetrachloronaphthalene	42	2.0 µg/ml
	1,2,7,8-Tetrachloronaphthalene	41	2.0 µg/ml
	1,2,3,5,7-Pentachloronaphthalene	52	2.0 µg/ml
	1,2,3,7,8-Pentachloronaphthalene	56	2.0 µg/ml
	1,2,3,4,6,7-Hexachloronaphthalene	66	2.0 µg/ml
	1,2,3,6,7,8-Hexachloronaphthalene	70	2.0 µg/ml
	1,2,3,4,5,6,7-Heptachloronaphthalene	73	2.0 µg/ml
1,2,3,4,5,6,8-Heptachloronaphthalene	74	2.0 µg/ml	
Octachloronaphthalene	75	2.0 µg/ml	



### PCN Major Halowax Congeners Solution/Mixture

Catalogue Number	Component (nonane)	PCN#	Conc
PCN-HWX	1-Chloronaphthalene	1	2.0 µg/ml
	1,4-Dichloronaphthalene	5	2.0 µg/ml
	1,4,5-Trichloronaphthalene	23	2.0 µg/ml
	1,4,6-Trichloronaphthalene	24	2.0 µg/ml
	1,2,4,6-Tetrachloronaphthalene	33	2.0 µg/ml
	1,2,6,8-Tetrachloronaphthalene	40	2.0 µg/ml
	1,2,4,5,8-Pentachloronaphthalene	59	2.0 µg/ml
	1,2,4,5,7,8-Hexachloronaphthalene	72	2.0 µg/ml
	1,2,3,4,5,6,8-Heptachloronaphthalene	74	2.0 µg/ml
Octachloronaphthalene	75	2.0 µg/ml	

### PCN Major Incineration Congeners Solution/Mixture

Catalogue Number	Component (nonane)	PCN#	Conc
PCN-INC	2-Chloronaphthalene	2	2.0 µg/ml
	2,7-Dichloronaphthalene	12	2.0 µg/ml
	1,2,3-Trichloronaphthalene	13	2.0 µg/ml
	1,2,7-Trichloronaphthalene	17	2.0 µg/ml
	1,2,3,5-Tetrachloronaphthalene	28	2.0 µg/ml
	1,2,4,7-Tetrachloronaphthalene	34	2.0 µg/ml
	1,2,3,6,7-Pentachloronaphthalene	54	2.0 µg/ml
	1,2,3,5,7,8-Hexachloronaphthalene	69	2.0 µg/ml
	1,2,3,4,5,6,7-Heptachloronaphthalene	73	2.0 µg/ml
Octachloronaphthalene	75	2.0 µg/ml	

### PCN Potentially Toxic Congeners Solution/Mixture

Catalogue Number	Component (nonane)	PCN#	Conc
PCN-TOX	2,3,6,7-Tetrachloronaphthalene	48	2.0 µg/ml
	1,2,3,6,7-Pentachloronaphthalene	54	2.0 µg/ml
	1,2,3,4,6,7-Hexachloronaphthalene	66	2.0 µg/ml
	1,2,3,5,7,8-Hexachloronaphthalene	69	2.0 µg/ml
	1,2,3,6,7,8-Hexachloronaphthalene	70	2.0 µg/ml
	1,2,3,4,5,6,7-Heptachloronaphthalene	73	2.0 µg/ml

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